

PAPPIS Inspection System

Round, Oblong, Oval, Odd Shape, Capsules

Item		Specifications	
Inspection functions	Applicable tablets	Non-coated, film coated, sugar-coated tablets, Printed, engraved, break line tablets, Round, oblong, oval tablets, Capsules, and other shapes	
	Tablets size	Round tablets: 5-12mm in diameter Oblong & Oval tablets: 5-12mm in width, 5-21 mm in length	
	Inspected items	Dirt inspection: Foreign particle, Dirt, Scratches Shape inspection: Dimensions, Cracks, Deformation Color inspection: Wrong color, Discoloration, Peeled coating Print inspection: Scratches, Blurring, Lack of printing	
	Inspected surfaces	Top & bottom	
	Inspection precision	Defective equivalent to a 100 micron square or larger black speck	
	Processing capacity	200,000 Tablets/Hour (Round tablets: 8mm in diameter)	
Hardware	Inspection Subsystem	Lighting unit	4 LED units
		Camera	CCD area sensor camera X 8
		Communication	Microsoft Windows Xpe
		Judgment processing unit	FPGA, Signal processing board
	Transfer Subsystem	Hopper	Capacity:15L
		Vibratory feeder	Transfer capacity: 5000 tablets/min max
		Alignment chute	Special shape plastic guides
		Glass table	Tempered glass
	Rejection Subsystem	Rejector valve	Pneumatic Valve
		Defective tablet collection box	Capacity:15L
Software	Inspection Functions	Individual and overall Judgment, inspection condition entry, result output	
	Diagnosis Functions	Monitoring of hardware, self diagnosis	
Size & Environment	Dimensions	W1,000mm X D600mm X H1417 (excluding patrol lamp)	
	Power Supply	AC100V	
	Pressure of pneumatic unit	0.35 - 1.00Mpa	
	Ambient conditions	Temperature; 10 - 30C, Humidity: 30 - 70% (Non-condensing)	
	Exterior	Stainless steel	